

Title (en)

Process for preparation of elastomer modified polymer compositions with enhanced rubber phase volume fraction

Title (de)

Verfahren zur Herstellung von Zusammensetzungen von mit Kautschuk modifizierten Polymeren mit verbessertem Kautschukphase-Volumenanteil

Title (fr)

Procédé de préparation de compositions de polymère modifié par un élastomère ayant une fraction volumique de phase caoutchoutique améliorée

Publication

EP 1044994 A1 20001018 (EN)

Application

EP 00107944 A 20000414

Priority

- US 12940599 P 19990415
- US 53861900 A 20000329

Abstract (en)

A process is provided to prepare elastomer modified polymer compositions based on styrenic monomer(s) using certain organic peroxide initiators to increase both rubber particle size and rubber phase volume fraction (gel content).

IPC 1-7

C08F 279/02; **C08F 291/02**

IPC 8 full level

C08F 2/01 (2006.01); **C08F 2/02** (2006.01); **C08F 4/00** (2006.01); **C08F 4/32** (2006.01); **C08F 6/26** (2006.01); **C08F 279/02** (2006.01); **C08F 291/02** (2006.01)

CPC (source: EP KR US)

C08F 2/02 (2013.01 - KR); **C08F 2/50** (2013.01 - KR); **C08F 12/08** (2013.01 - KR); **C08F 279/02** (2013.01 - EP US); **C08F 291/02** (2013.01 - EP US); **C08L 9/00** (2013.01 - KR); **C08L 25/06** (2013.01 - KR)

Citation (search report)

- [X] US 4861827 A 19890829 - SOSA JOSE M [US], et al
- [A] US 5475072 A 19951212 - SANCHEZ JOSE [US], et al

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EP1302497A1; AU784075B2; US6617388B2

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AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)

EP 1044994 A1 20001018; BG 104341 A 20010928; BG 64827 B1 20060531; BR 0001616 A 20001128; CA 2305928 A1 20001015; CN 1274732 A 20001129; JP 2000319341 A 20001121; KR 20000071695 A 20001125; PL 339693 A1 20001023; SK 5442000 A3 20020305; TR 200001014 A2 20001121; TR 200001014 A3 20001121; TW 562815 B 20031121; US 2003013815 A1 20030116

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EP 00107944 A 20000414; BG 10434100 A 20000414; BR 0001616 A 20000414; CA 2305928 A 20000413; CN 00106823 A 20000414; JP 2000114845 A 20000417; KR 20000019552 A 20000414; PL 33969300 A 20000414; SK 5442000 A 20000414; TR 200001014 A 20000414; TW 89107078 A 20000415; US 21291502 A 20020805